

## Product data sheet

### Characteristics

# A9S66491

## switch disconnecter iSW - 4P - 100 A - 415 V



### Main

Range	Acti 9
Product name	Acti 9 iSW
Product or component type	Switch disconnecter
Device short name	ISW
Device application	Control Isolation
Poles description	4P
Utilisation category	AC-22A
Suitability for isolation	Yes

### Complementary

[Ie] rated operational current	100 A at 415 V AC 50/60 Hz
[Ue] rated operational voltage	415 V AC 50/60 Hz
[Icm] rated short-circuit making capacity	5 kA switch-disconnector alone
[Icw] rated short-time withstand current	1500 A
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Control type	Toggle
Local signalling	ON/OFF indication
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom: YES
9 mm pitches	8
Height	85 mm
Width	72 mm
Depth	73 mm
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) - <= 1 x 50 mm <sup>2</sup> - rigid Tunnel type terminals (top or bottom) - <= 1 x 35 mm <sup>2</sup> - flexible Tunnel type terminals (top or bottom) - <= 1 x 35 mm <sup>2</sup> - flexible with ferrule
Wire stripping length	9 mm
Tightening torque	3.5 N.m

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## Environment

Standards	BS EN 60947-3 AS 60947-3 NZS 60947-3 IEC 60947-3 EN 60947-3
IP degree of protection	IP20
Pollution degree	3
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	351.5 g
Package 1 Height	7.85 cm
Package 1 width	7.2 cm
Package 1 Length	9.2 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Weight	1.094 kg
Package 2 Height	8 cm
Package 2 width	9 cm
Package 2 Length	22 cm
Unit Type of Package 3	S03
Number of Units in Package 3	33
Package 3 Weight	12.521 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product

## Contractual warranty

Warranty	18 months
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